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5 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

VERTICAL TEST STAND AT ROCKET TEST FACILITY, VORONEZH, USSR



CIA



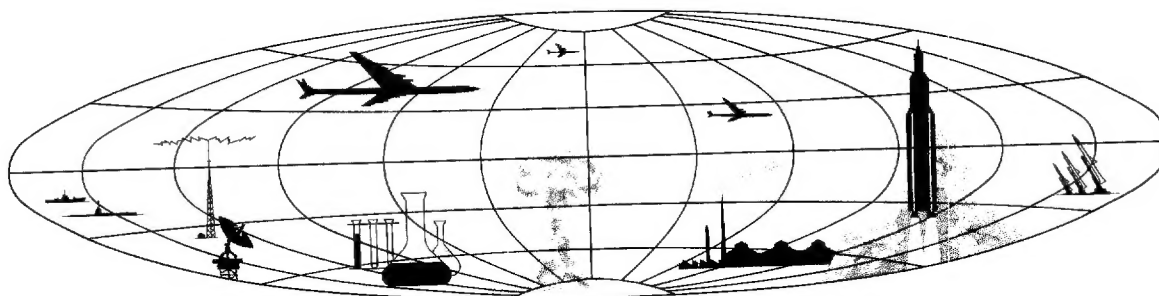
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



TOP SECRET

VERTICAL TEST STAND AT ROCKET TEST FACILITY,
VORONEZH, USSR

25X1A The existence of a large vertical test stand
25X1D at the Rocket Test Facility (51-35N 39-10E; BE
No [REDACTED] near Voronezh, USSR, is con-
firmed from photography of [REDACTED]. The fa-
cility, which is for the static test firing of rock-
et engines, is located 5 nautical miles (nm) south
of Voronezh and 250 nm south-southeast of Mos-
cow (Figure 1). The vertical test stand and its

associated structures were present on photogra-
phy of [REDACTED] but the poor quality of the
photography precluded positive identification. 1/
Evidences of construction appeared at this site
as early as [REDACTED] but the photographic
quality did not permit identification of the con-
struction as a possible test stand until [REDACTED]

25X1D

25X1D

25X1D

25X1D

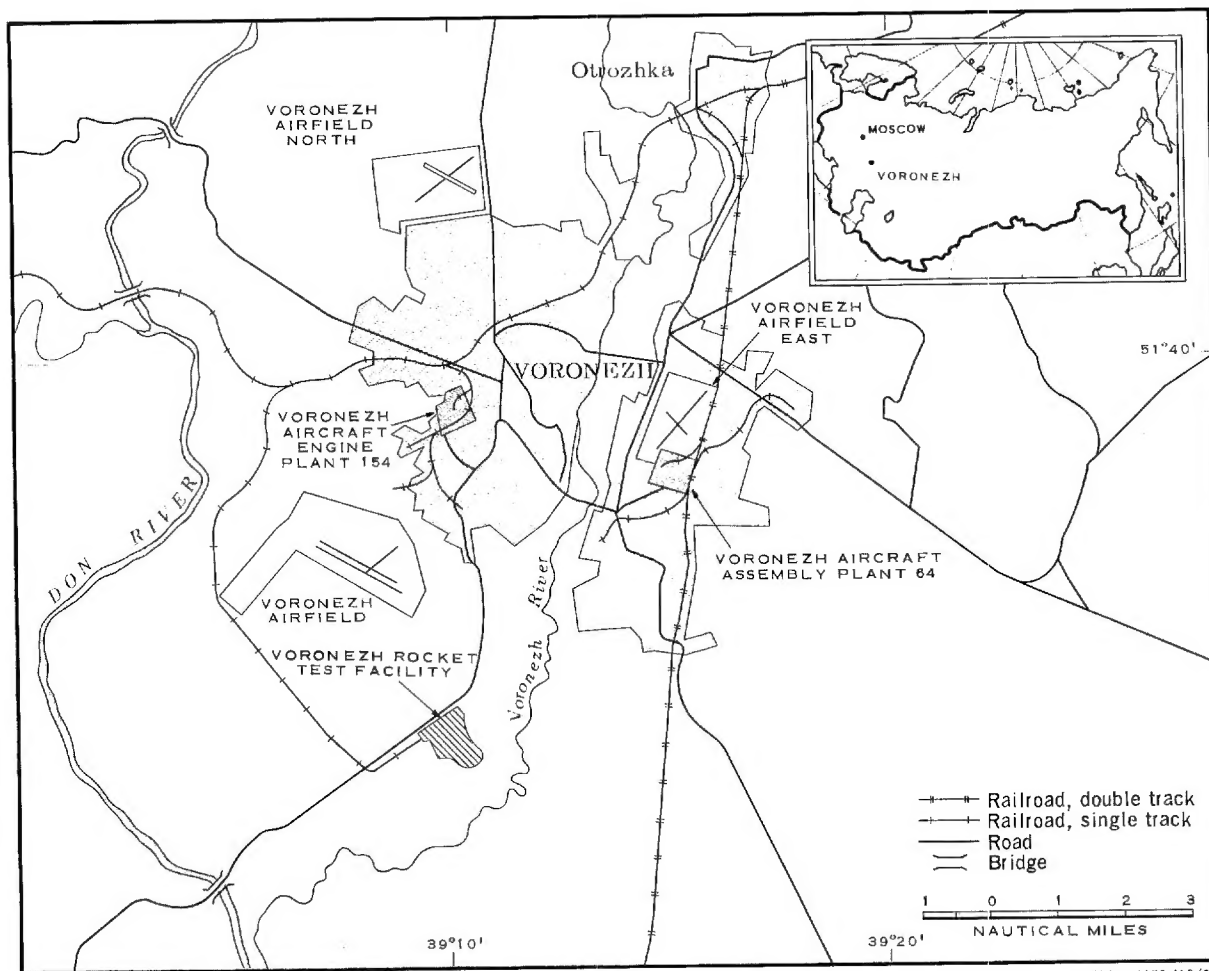


FIGURE 1. LOCATION MAP.

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FIGURE 2. ROCKET TEST FACILITY, VORONEZH, USSR, [REDACTED]

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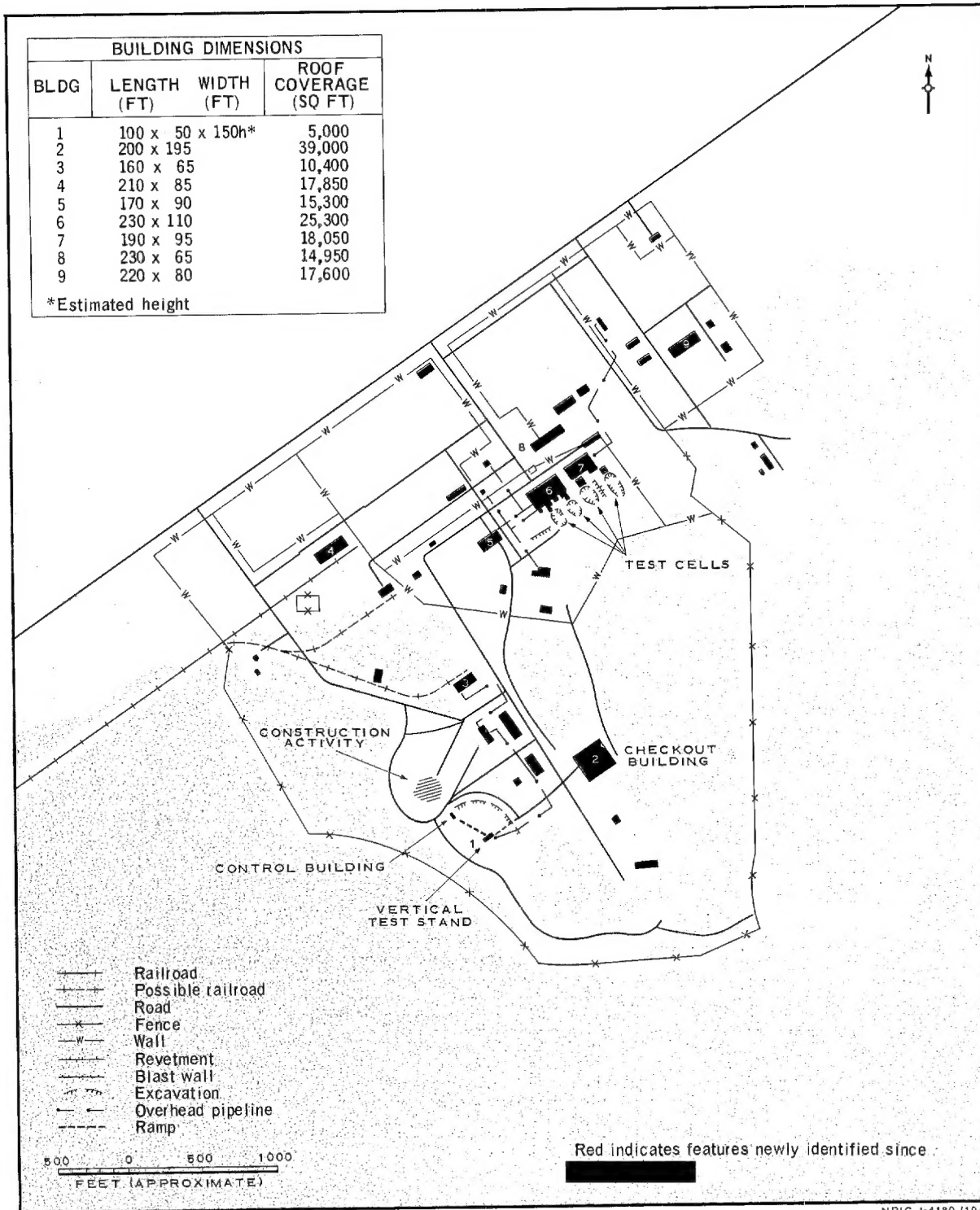


FIGURE 3. LAYOUT OF ROCKET TEST FACILITY.

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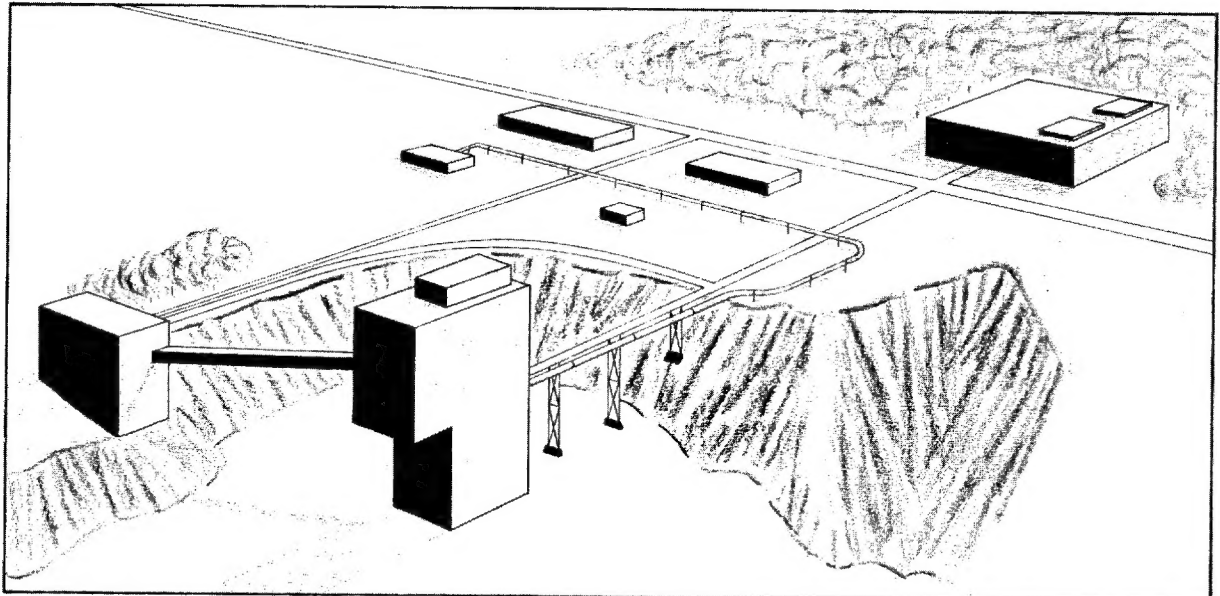


FIGURE 4. ARTIST'S CONCEPTION OF VERTICAL TEST STAND AT VORONEZH.

The test stand is located in an excavation carved into a hillside in the southwest section of the facility (Figures 2 and 3). (An artist's conception of the test stand is shown in Figure 4.) The stand (Figure 3, item 1) is approximately 100 feet long and 50 feet wide. Its height, from the bottom of the flame bucket to the top of a small protuberance at the top of the stand, is estimated at 150 feet. An accurate measurement of height is not possible. The superstructure of the stand appears to overhang the flame bucket which may still be in the final stages of construction. The superstructure above the flame bucket is estimated at 75 feet in height. A ramp or causeway carrying the access road leads from the rear of the stand to the edge of the embankment; then the road continues approximately 750

feet northeastward to a checkout building (item 2). A control building, providing easy observation of the stand, is situated approximately 300 feet northwest of and is connected to the test stand by a ramp or catwalk. An overhead pipeline leads from a small structure northwest of the test stand, crosses the access road, and appears to enter the rear of the test stand.

A possible rail spur, which had previously appeared to traverse the Rocket Test Facility, now appears to terminate at a building (item 4) just inside the facility. Two short possible rail spurs terminating within the test facility are newly observed. Construction activity is apparent approximately 500 feet northwest of the test stand. Additional roads and small buildings are now visible throughout the facility.

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REFERENCES

PHOTOGRAPHY

<u>Mission</u>	<u>Date</u>	<u>Pass</u>	<u>Camera</u>	<u>Frames</u>	<u>Classification</u>
					TOP SECRET RUFF
					TOP SECRET RUFF
					TOP SECRET RUFF
					TOP SECRET RUFF

25X1D

MAPS OR CHARTS

DIA. US Air Target Chart, Series 200, Sheet 0234-3HIL, 3d ed, Jan 64, scale 1:200,000 (SECRET)

DOCUMENTS

1. NPIC. R-153/64, *New Construction at Voronezh Static Test Facility, USSR*, Feb 64 (TOP SECRET CHESS RUFF)

REQUIREMENT

CIA. C-RR4-81,679

NPIC PROJECT

N-863/64 (partial answer)

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